

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-006128**Date Inspected:** 12-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Yong Dongping**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** TOWER COMPONENTS**Summary of Items Observed:**

On this date, the Caltrans OSM Quality Assurance (QA) Inspector, "Victor" KS Narayan was present during the times noted above for observations relative to work performed.

Bay 11 – TOWER ASSEMBLY

I. STRUTS' WELDING:

Weld process, SMAW of PJP weld joints located on PCMK: North Tower Struts.

The weld designation numbers were identified as follows.

NSD1-A476-65M-1-26A

NSD1-A476-65M-1-29A

NSD1-A476-65M-1-3A

NSD1-A468-1-27B

ND1-A476-65M-1-19B

The welders and welder numbers were identified as Cui Guozhong (040656), Yang Zaihua (040669), Cao Jainbin (058009) & Chen Shangchun (046704).

ULTRASONIC TESTING:

WELDING INSPECTION REPORT

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I. Bay 11 – Tower Assembly

This QA Inspector performed 10% UT of area previously tested by ZPMC UT personnel. This QA Inspector generated a TL-6027 MT report on this date. The member was identified as Lift 1 – East Tower Skin “D” & "E" corner weld joints.

The weld designation number is as follows.

ESD1-A167B/H-124A

ESD1-A165E/J-265A

Unless otherwise noted, all observations on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod (134-825-70045), who represents the Office of Structural Materials for your project.

Inspected By:	Narayan,Victor	Quality Assurance Inspector
Reviewed By:	Clifford,William	QA Reviewer
